



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; April 21, 2014

For the Week Ending April 20, 2014

## ROW CROP PLANTING STILL OFF TO ROUGH START STRAWBERRY CROP DAMAGE REPORTED

A cold snap seriously damaged and/or killed unprotected, open strawberry blooms, and also had negative effects on the apple crop. Though the extent of damage has not yet been determined, losses of up to 40 percent of the strawberry crop have been reported in some areas of the State. Statewide, over one-third of the crop is rated in fair condition. Cool soil temperatures and rain again hampered corn and cotton plantings. Wheat, pastures, and cattle continue to flourish. Topsoil moisture levels were rated 5 percent short, 81 percent adequate and 14 percent surplus. Subsoil moisture levels were rated 4 percent short, 85 percent adequate, and 11 percent surplus. There were 4.0 days suitable for field work last week.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2013	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn - Planted	19	7	28	44	Pasture	1	7	35	50	7
Winter Wheat – Jointed	55	35	80	83	Wheat	0	3	20	57	20
Winter Wheat - Headed	2	1	3	25	Strawberries	1	8	33	51	7
Apples – Full Bloom	65	36	45	69						

### County Agent Comments

*Farmers are making timely applications of wheat sprays and beginning to plant corn. Rains and cool weather halted corn and cotton planting.*  
**J.C. Dupree, Lauderdale County**

*Despite being late, the wheat crop is looking great! Cool soil temperatures and rains continue to delay corn and cotton planting. A mid-week frost did not help matters at all. Pastures are receiving great benefit from the rains and cattle are looking great as a result.*  
**Walter Battle, Haywood County**

*Lots of corn planted this week. Many fields have been burnt down in preparation for planting in the coming weeks. Pastures are green and many hay fields have been treated for weeds.*  
**Jake Mallard, Madison County**

*Producers were able to push the "re-start" button late week as drier soil conditions allowed herbicide and fertilizer applications to be made, and corn planters started rolling again. Temperatures dipped as low as the upper 20's mid-week, but few problems were noted in winter wheat fields.*  
**Jeff Lannom, Weakley County**

*The freeze/frost this week caused slight to moderate damage to early gardens and flowering plants. Have not be able to ascertain how much damage to fruit crops.*  
**Ricky Skillington, Marshall County**

*Cool, wet weather slowed things down this week. We are fertilizing and spraying pastures and hay land. Some corn is getting planted but it is coming up slowly due to cool weather.*  
**Larry Moorehead, Moore County**

*A freeze on the morning of 4/16 killed all the unprotected open blooms of strawberries, resulting in an estimated 30-40% crop loss. Strawberries protected with row covers suffered minimal damage. Peaches suffered some loss as well.*  
**Bob Ary, Sumner County**

*Cold, freezing temperatures were a recurring topic of conversation this week. Damage to fruit crops will not be known for a period of time. Fruit producers are hoping for the best. Wheat looks fine, as it had not progressed to a vulnerable stage. Field work is progressing with some corn being planted. Other activities include spreading fertilizer and spraying as conditions allow.*  
**A. Ruth Correll, Wilson County**

*We had some corn to get burned by the freeze this week. It was up about 4". We also had some reports on vegetables in greenhouses being killed by the freeze.*  
**Creig Kimbro, Grundy County**

*Strawberries sustained damage when temperatures dipped into the 20's with some reports of about 25% loss of existing blooms. Many cattle producers are still feeding hay with the still-sluggish pasture growth.*  
**John Wilson, Blount County**

*Frosts this week hammered apples. Still feeding some hay. Lots of homeowners saw damage to local shrubs/flowers/vegetables. Corn planting started up again this week.*  
**John Goddard, Loudon County**

TEMPERATURES AND PRECIPITATION										
For week ending: April 20, 2014 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending April 20, 2014				Current Week 04/20/2014	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	79	30	55	-7	1.09	2	17.71	0.15	2.63	-1.16
Brownsville_TN	80	32	56	-6	1.53	2	15.70	-1.64	2.64	-0.90
Covington	76	31	54	-7	2.43	2	15.32	-1.97	3.24	-0.37
Dyersburg	75	34	55	-7	1.71	2	11.68	-4.23	3.05	-0.04
Huntingdon_Wate	79	30	55	-5	1.18	2	16.31	-0.54	3.03	-0.06
Jackson_Exp_Stn	80	31	55	-6	0.94	2	16.83	0.21	2.54	-0.80
Lexington_TN	78	29	54	-6	1.05	2	15.91	-0.33	2.96	-0.09
Martin	77	32	54	-6	1.30	2	13.39	-3.25	4.25	0.85
Memphis_AG	79	32	56	-9	1.29	2	17.39	0.24	2.87	-0.79
Milan	78	29	54	-5	1.73	2	17.19	0.29	3.64	0.36
Paris	78	28	54	-5	1.60	2	16.29	-0.49	3.11	-0.16
Savannah_6SW	81	29	56	-7	0.51	2	14.57	-4.49	2.35	-1.25
Selmer	80	35	56	-4	0.83	2	15.57	-3.27	2.40	-1.20
Union_City	77	31	54	-5	1.38	2	15.55	-0.84	3.61	0.40
Middle										
Clarksville_Sew	78	31	55	-5	1.06	2	16.50	-0.21	3.32	0.26
Cookeville	82	28	52	-6	0.59	2	15.99	-2.13	3.47	0.38
Crossville_AP	78	27	52	-4	0.41	2	12.01	-6.24	3.18	-0.05
Dickson_AG	78	28	54	-6	0.74	1	14.08	-3.29	2.17	-1.19
Dover_1W	80	29	54	-5	1.57	2	18.22	1.00	3.55	0.23
Fayetteville_TN	79	31	57	-1	1.57	3	14.44	-4.00	3.74	0.58
Jamestown	81	27	51	-6	0.72	2	14.97	-1.83	3.13	0.17
Kingston_Spring	82	28	55	-3	0.83	2	12.70	-4.30	1.99	-1.04
Lewisburg	77	25	52	-6	0.88	2	12.08	-5.59	2.60	-0.49
Livingston_WLIV	81	28	53	-6	0.63	3	13.89	-2.50	3.36	0.49
Lobelville	80	27	54	-5	1.13	3	15.76	-2.46	2.52	-0.71
Murfreesboro_5N	81	24	53	-6	0.64	3	14.45	-2.27	2.55	-0.39
Nashville_Metro	82	31	57	-4	0.56	2	14.83	-0.27	2.77	-0.09
Oneida	82	27	52	-3	0.48	2	14.30	-2.53	2.42	-0.54
Portland_TN	79	30	54	-4	0.97	2	16.82	0.62	4.24	1.34
Pulaski_Water_P	78	28	53	-9	0.88	3	12.30	-6.12	2.84	-0.19
Shelbyville	78	29	55	-6	0.93	2	14.10	-3.84	2.60	-0.46
Sparta_TN	83	26	53	-5	0.70	3	17.10	-0.52	3.56	0.51
Springfield	82	28	54	-4	0.91	3	15.76	0.02	2.21	-0.66
Springhill	81	29	54	-5	0.64	2	15.50	-2.49	2.67	-0.71
Tullahoma	79	29	57	-4	1.48	3	13.47	-5.80	3.31	0.01
Waynesboro_TN	79	26	52	-6	0.77	2	15.15	-4.19	2.36	-1.21
East										
Chattanooga/Lov	82	35	57	-4	0.40	3	12.85	-5.84	2.87	-0.09
Cleveland_6NNE	79	31	53	-6	0.79	4	11.19	-7.33	3.69	0.73
Dayton	80	29	55	-5	0.37	3	12.40	-6.68	3.00	-0.06
Erwin_1W	80	26	51	-3	1.09	4	9.78	-4.37	2.78	0.14
Gatlinburg_2SW	84	28	52	-4	1.01	3	14.37	-2.44	2.79	-0.08
Greeneville	83	27	53	-3	0.72	3	11.34	-1.60	3.12	0.87
Kingston_AG	82	30	53	-4	0.50	2	14.45	-4.61	3.17	0.19
Knoxville_AP	83	30	54	-4	0.34	3	12.88	-2.96	2.61	0.09
Newcomb	84	26	52	-3	0.30	2	15.26	-1.57	1.92	-1.04
Norris_4NE	84	27	53	-4	0.43	3	13.91	-2.85	2.30	-0.57
Tri-City_RGNL_A	85	25	55	-1	0.32	2	8.96	-3.61	1.63	-0.57

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.

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The USDA, NASS, Tennessee Field Office gratefully acknowledges contributions to this publication by:  
National Weather Service and the University of Tennessee's Extension.

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